

# ODOT PROFILOGRAPH MACHINE CERTIFICATION

Date: August 31, 2023

Company or Residency: Geary A. Cain Inc

Operator Name: David Collins

Operator Email: david.collins@windstream.net  
(For future notifications)

Supervisor Name: Glen Hyden

Supervisor Email: GHyden@windstream.net  
(For future notifications)

Machine Manufacturer and Type California

Machine Serial Number 401097UP

## RESULT

Trace No. 1 (East Bound) 41.40

Trace No. 2 (West Bound) 70.58

Evaluator Signature 

Machine Ordinal \_\_\_\_\_

# Ames Profilograph

Software Version 3.91  
SERIAL # 401097UP

Company = GARY A CRAIN  
Operator = DAVID COLLINS  
Project = CERTIFICATION  
Job = 1

County = 1  
Division = 1  
Resident = 1  
Highway = TRACK

Lane = EB

Lane Location = DRVRWHLPTH

Pass = 1

Comments =

# Ames Profilograph

Software Version 3.91  
SERIAL # 401097UP

Company = GARY A CRAIN  
Operator = DAVID COLLINS  
Project = CERTIFICATION  
Job = 1

County = 1  
Division = 1  
Resident = 1  
Highway = TRACK

Lane = WB

Lane Location = DRVRWHLPTH

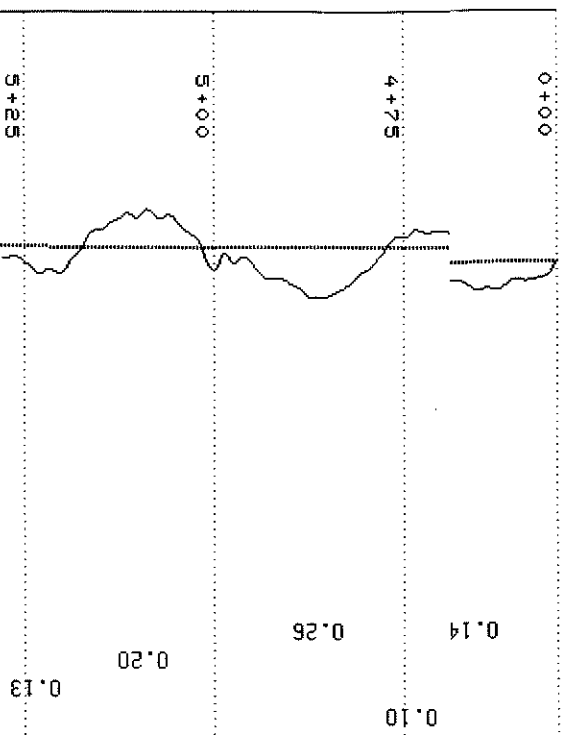
Pass = 1

Comments =

File = CERT831B.PDF  
Band Placement = Linear regression  
Count Scallops Once = True  
Band Width(in.) = 0.00  
Bump Height(in.) = 0.60  
Bump Width(ft.) = 25.00  
Reduction Length(ft.) = 528  
Low pass Filter(ft.) = 3.00  
High Pass Filter(ft.) = 0.00  
Debris Filter(ft.) = True  
Scallop Rounding(in.) = 0.01  
Horizontal Scale = 300 To 1  
Paper Factor = 1.600  
Vertical Calibration = 1.040  
Horizontal Calibration = 1.414  
Bump Detection = On  
Dip Detection = Off

Time: 09:54:14

Date: 08-31-2023



Beginning Station-> 0+00  
Ending Station-> 5+28  
Distance(ft.)-> 528  
Scallop Sum(in.)-> 4.14  
Profile Index(in./mile)-> 41.40

Time: 09:56:23 Ave Speed: 2.8 mph

## Final Analysis

Beginning Station-> 0+00  
Ending Station-> 5+28  
Total Distance(ft.)-> 528  
Total Scallop Sum(in.)-> 4.14  
Total Profile Index(in./mile)-> 41.40

## Bump/Dip Locations

Type From Peak To Height(in)

## <- Report Summary ->

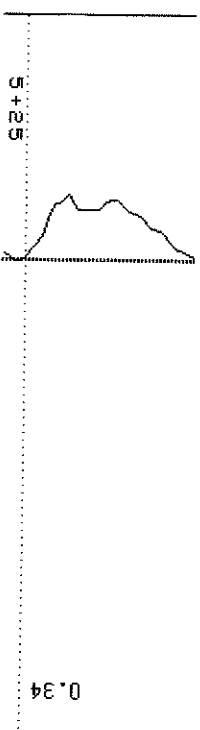
From	To	Dist	Count	PI(in/mi)
0+00	5+28	528	4.14	41.40
<b>Total</b>		<b>528</b>	<b>4.14</b>	<b>41.40</b>

File = CERT831B.PDF

File = CERT831A.PDF  
Band Placement = Linear regression  
Count Scallops Once = True  
Band Width(in.) = 0.00  
Bump Height(in.) = 0.60  
Bump Width(ft.) = 25.00  
Reduction Length(ft.) = 528  
Low pass Filter(ft.) = 3.00  
High Pass Filter(ft.) = 0.00  
Debris Filter(ft.) = True  
Scallop Rounding(in.) = 0.01  
Horizontal Scale = 300 To 1  
Paper Factor = 1.600  
Vertical Calibration = 1.040  
Horizontal Calibration = 1.414  
Bump Detection = On  
Dip Detection = Off

Time: 09:45:44

Date: 08-31-2023



Beginning Station-> 0+00  
Ending Station-> 5+28  
Distance(ft.)-> 528  
Scallop Sum(in.)-> 7.05  
Profile Index(in./mile)-> 70.50

Time: 09:47:41 Ave Speed: 3.1 mph

Beginning Station-> 5+28  
Ending Station-> 5+29  
Distance(ft.)-> 1  
Scallop Sum(in.)-> 0.00  
Profile Index(in./mile)-> 0.00

Time: 09:47:46 Ave Speed: 0.2 mph

## Short Segment Average

Beginning Station-> 0+00  
Ending Station-> 5+29  
Distance(ft.)-> 529  
Scallop Sum(in.)-> 7.05  
Profile Index(in./mile)-> 70.37

## Final Analysis

Beginning Station-> 0+00  
Ending Station-> 5+29  
Total Distance(ft.)-> 529  
Total Scallop Sum(in.)-> 7.05  
Total Profile Index(in./mile)-> 70.37

## <- Report Summary ->

From	To	Dist	Count	PI(in/mi)
0+00	5+28	528	7.05	70.50
5+28	5+29	1	0.00	0.00
<b>0+00</b>	<b>5+29</b>	<b>529</b>	<b>7.05</b>	<b>70.37</b>
<b>Total</b>		<b>529</b>	<b>7.05</b>	<b>70.37</b>

File = CERT831A.PDF